

Claims:

1. (Previously Presented) A medical lead, comprising:
a lead body including a distal end; and
a glue segment disposed in proximity to said distal end;
wherein said glue segment comprises a tissue adhesive encapsulated within a biocompatible capsule, said capsule formulated to rupture when said lead is urged against a treatment site, said rupture liberating said tissue adhesive, which serves to affix said lead body to said treatment site.
2. (Canceled)
3. (Previously Presented) The medical lead of claim 1, wherein said tissue adhesive comprises a n-butyl cyanoacrylate
4. (Previously Presented) The medical lead of claim 1, wherein said tissue adhesive comprises a fibrin glue.
5. (Original) The medical lead of claim 1, further comprising a guard disposed in proximity to said glue segment.
6. (Original) The medical lead of claim 1, wherein said glue segment is formed in an annular shape.
7. (Original) The medical lead of claim 1, wherein said glue segment is formed in a tubular shape.
- 8.-9. (Canceled)
10. (Original) The medical lead of claim 1, further comprising a tip electrode.

11. (Original) The medical lead of claim 10, wherein said tip electrode is formed from a helix-coil.

12. (Currently amended) A medical lead, comprising:
a lead body including a distal end;
a tip electrode at the distal end of the lead body; and
a fixation element including a glue segment disposed within said tip electrode to affix said electrode to a treatment site,
wherein the glue segment is encapsulated within a biocompatible capsule.

13. (Original) The medical lead of claim 10, wherein said glue segment is disposed about said tip electrode.

14-17. (Canceled)

18. (Previously Presented) A system for affixing a medical lead to a tissue site, the system comprising:
a medical lead including a lead body;
a catheter having a catheter lumen adapted to receive said medical lead and to permit said medical lead to be advanced therethrough;
a glue segment disposed at a distal end of said lead, the glue segment comprising a tissue adhesive adapted to affix said medical lead to the tissue; and
a guard disposed about said lead body being proximal to and in proximity to said glue segment, said guard projecting outward from said lead body to prevent said glue segment from contacting a wall of said catheter lumen as said lead is advanced therethrough.

19. (Canceled)

20. (Original) The system of claim 18, wherein said tissue adhesive comprises a n-butyl cyanoacrylate

21. (Original) The system of claim 18, wherein said tissue adhesive comprises a fibrin glue.

22. (Canceled)

23. (Previously Presented) The system of claim 18, wherein said glue segment is formed in an annular shape.

24. (Previously Presented) The system of claim 18, wherein said glue segment is formed in a tubular shape.

25. (Canceled)

26. (Previously Presented) The system of claim 18, wherein said glue segment includes dots of tissue adhesive.

27. (Original) The system of claim 18, wherein the medical lead includes a tip electrode.

28. (Original) The system of claim 27, wherein said tip electrode is formed from a helix-coil.

29. (Currently amended) A system for affixing a medical lead to a tissue site, the system comprising:

a medical lead having a lead body;

a tip electrode at the distal end of the lead body;

a catheter having a catheter lumen adapted to receive said medical lead and to permit said medical lead to be advanced therethrough; and

a fixation element including a tissue adhesive within said tip electrode and adapted to affix said tip electrode to the tissue at a tissue treatment site,

30. (Original) The system of claim 27, wherein said tissue adhesive is disposed about said tip electrode.
31. (Original) The system of claim 18, wherein said medical lead includes a lumen disposed therethrough and wherein said lumen is adapted to receive and dispense said tissue adhesive.
32. (Original) The system of claim 18, wherein said catheter includes a balloon disposed at a distal end of said catheter and adapted to clear said tissue site.
33. (Original) The system of claim 18, wherein said catheter is adapted to apply suction in proximity to said tissue site.
34. (Original) The system of claim 18, wherein said catheter includes mapping electrodes.
35. (Original) The system of claim 18, further comprising an implantable medical device adapted for coupling to said medical lead.
36. (New) A cardiac medical lead comprising:
a lead body including a distal end;
a tip electrode at the distal end of the lead body; and
a fixation element including a glue segment disposed within said tip electrode to affix said electrode to a treatment site,
wherein the glue segment is encapsulated within a biocompatible capsule.